

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
8 February 2001 (08.02.2001)

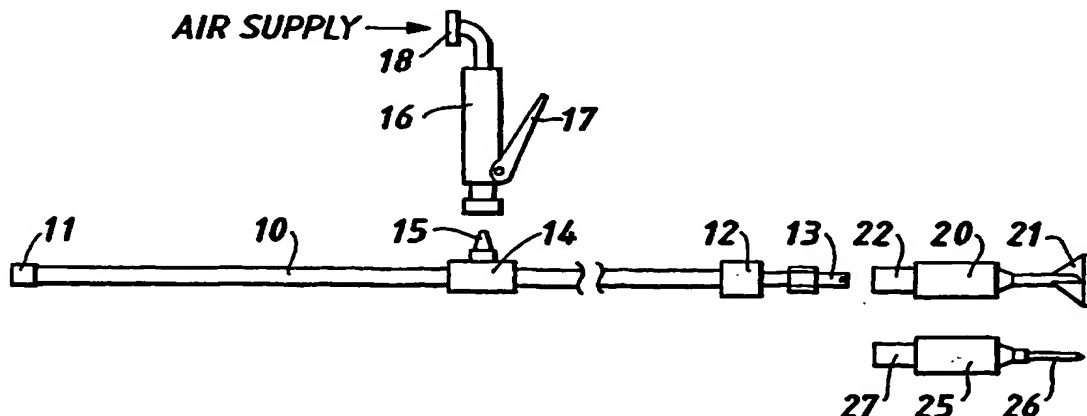
PCT

(10) International Publication Number
WO 01/09545 A1(51) International Patent Classification⁷: **F16L 55/18, 41/04**

Andrew [GB/GB]; Bryn Afon, Station Road, Talysarn, Caenarfon, Gwynedd LL54 6HL (GB). PARSONAGE, Haydn [GB/GB]; 6 Bryn Garan, Upper Colwyn Bay, Clwyd LL29 6DT (GB). CARSON, Peter [GB/GB]; Dol Wen, Post Office Lane, Carno, Powys SY17 5JR (GB).

(21) International Application Number: **PCT/GB00/02877**(22) International Filing Date: **26 July 2000 (26.07.2000)**(74) Agent: **ILLINGWORTH-LAW, William**; BG Intellectual Property Limited, 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).(25) Filing Language: **English**(26) Publication Language: **English**(81) Designated States (*national*): **AU, BR, CA, CN, JP, US.**(30) Priority Data:
9917674.5 **29 July 1999 (29.07.1999) GB**(84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).(71) Applicant (*for all designated States except US*): **BG INTELLECTUAL PROPERTY LTD. [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).****Published:**
— *With international search report.*

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SUTHERLAND,***For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*(54) Title: **PIPE REPAIR DEVICE AND METHOD**

(57) Abstract: A device for repairing a pipe includes a number of kit items including an elongate insulated hollow handle (10) with compressed air inlet (14) and associated nipple (15). A trigger device (16) controlled by handle (17) receives compressed air to power attachments connected to adaptor (12). These include a drill head (25) which is powered by compressed air to drill into the pipe prior to using the device together with an injector head to inject sealant into the pipe from an above ground position.

WO 01/09545 A1